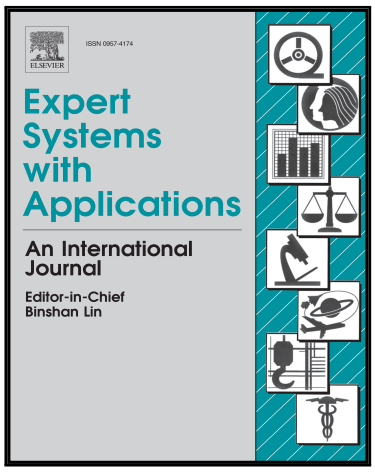

Soft and Evolutionary Computation Based Data Association Approaches for Tracking Multiple Targets in the Presence of ECM

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Highlights

- Two novel data association techniques (Fuzzy-GA and Fuzzy-PSO) are proposed.
- Data association matrix in JPDA algorithm is optimized with these methods.
- Four different case studies are considered for validating these novel techniques.
- Fuzzy-GA approach shows improved performance in average RMSE values.